

# 3D Plot

08-14-2018 12:56

Data Recorded: 8/14/2018 12:55:46 PM

Factory: Factory # 1

Machine: Gantry Mill X23

Notes: Machine SN:294521

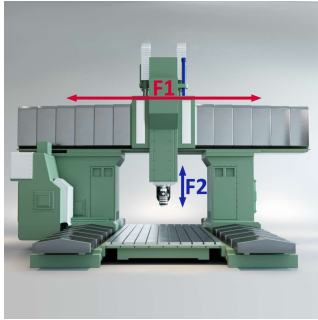
Comments:

Center Units: Inch

Slope Units: Inches/Ft

## Summary

### Front View



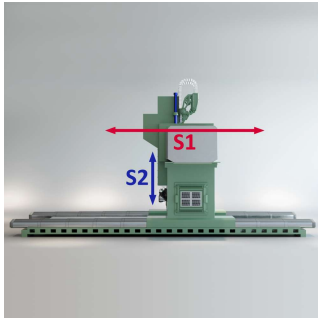
#### TIR Straightness

Axis	TValue	Tol	Status
F1. Column	0.002	0.005	IN TOLERANCE
F2. Ram	0.001	0.005	IN TOLERANCE

#### Squareness/Parallelism

Axis	Value	Tol	Status
F1. Column vs F2. Ram	0	0.005	IN TOLERANCE

### Side View



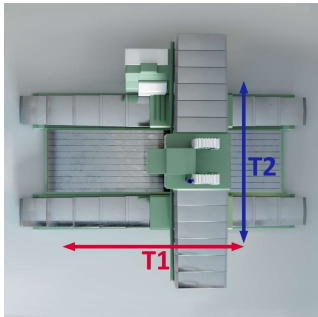
#### TIR Straightness

Axis	TValue	Tol	Status
S1. Bridge	0.001	0.005	IN TOLERANCE
S2. Ram	0.001	0.005	IN TOLERANCE

#### Squareness/Parallelism

Axis	Value	Tol	Status
S1. Bridge vs S2. Ram	0	0.005	IN TOLERANCE

### Top View



#### TIR Straightness

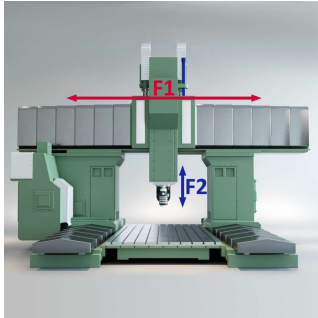
Axis	TValue	Tol	Status
T1. Bridge	0.001	0.005	IN TOLERANCE
T2. Column	0.001	0.005	IN TOLERANCE

#### Squareness/Parallelism

Axis	Value	Tol	Status
T1. Bridge vs T2. Column	0	0.005	IN TOLERANCE

# Details

## Front View



## TIR Straightness

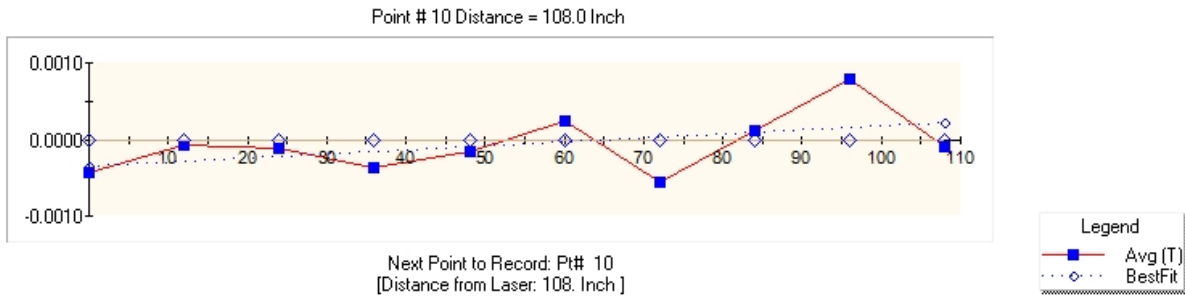
Axis	TValue	Tol	Status
F1. Column	0.002	0.005	IN TOLERANCE
F2. Ram	0.001	0.005	IN TOLERANCE

## Squareness/Parallelism

Axis	Value	Tol	Status
F1. Column vs F2. Ram	0	0.005	IN TOLERANCE

## F1. Column - Avg(T)

## TIR Straightness



Axis	TValue	Tol	Status
F1. Column	0.002	0.005	IN TOLERANCE
F2. Ram	0.001	0.005	IN TOLERANCE

## Squareness/Parallelism

Axis	Value	Tol	Status
F1. Column vs F2. Ram	0	0.005	IN TOLERANCE

## Data

Pt#	Dist	Avg (Ttl)	Avg (F)	Avg (B)
1	0	0	-0.001	0
2	12	0	0	0
3	24	0	0	0
4	36	0	0	0
5	48	0	0	-0.001
6	60	0	0	0.001
7	72	-0.001	0	-0.001
8	84	0	0	0.001
9	96	0.001	0.001	0.001

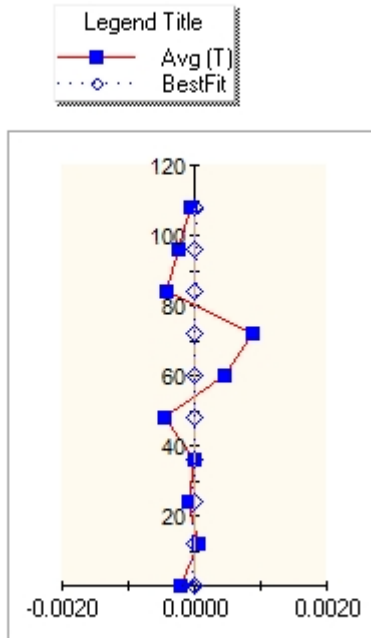
**Data**

Pt#	Dist	Avg (Ttl)	Avg (F)	Avg (B)
10	108	0	-0.001	0.001

**F2. Ram - Avg(T)**

**TIR Straightness**

Point # 10 Distance = 108.0 Inch



Next Point to Record: Pt# 10  
[Distance from Laser: 108. Inch]

Axis	TValue	Tol	Status
F1. Column	0.002	0.005	IN TOLERANCE
F2. Ram	0.001	0.005	IN TOLERANCE

**Squareness/Parallelism**

Axis	Value	Tol	Status
F1. Column vs F2. Ram	0	0.005	IN TOLERANCE

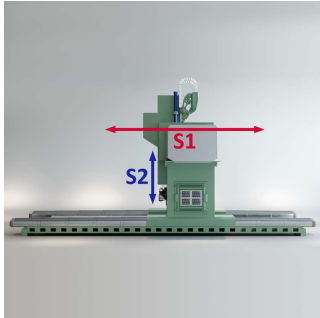
**Data**

Pt#	Dist	Avg (Ttl)	Avg (F)	Avg (B)
1	0	0	0	-0.001
2	12	0	0	0
3	24	0	0.001	-0.001
4	36	0	0	0
5	48	0	-0.001	0
6	60	0	0	0.001
7	72	0.001	0.001	0.001

**Data**

<b>Pt#</b>	<b>Dist</b>	<b>Avg (Ttl)</b>	<b>Avg (F)</b>	<b>Avg (B)</b>
8	84	0	-0.001	0
9	96	0	0	0
10	108	0	0	0

## Side View



## TIR Straightness

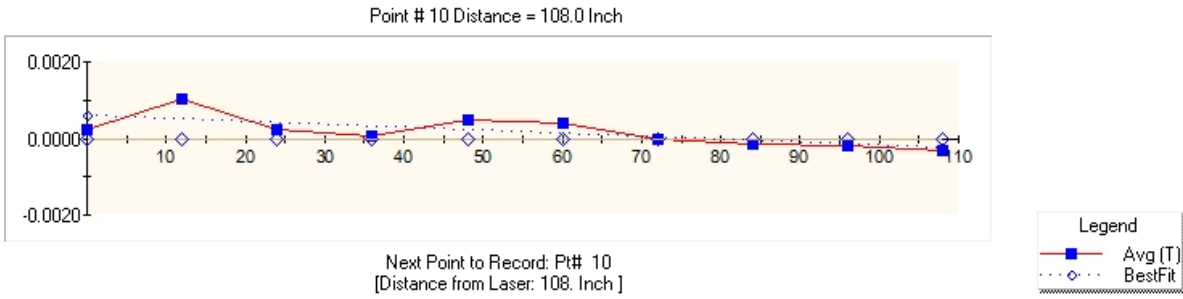
Axis	TValue	Tol	Status
S1. Bridge	0.001	0.005	IN TOLERANCE
S2. Ram	0.001	0.005	IN TOLERANCE

## Squareness/Parallelism

Axis	Value	Tol	Status
S1. Bridge vs S2. Ram	0	0.005	IN TOLERANCE

## S1. Bridge - Avg(T)

## TIR Straightness



Axis	TValue	Tol	Status
S1. Bridge	0.001	0.005	IN TOLERANCE
S2. Ram	0.001	0.005	IN TOLERANCE

## Squareness/Parallelism

Axis	Value	Tol	Status
S1. Bridge vs S2. Ram	0	0.005	IN TOLERANCE

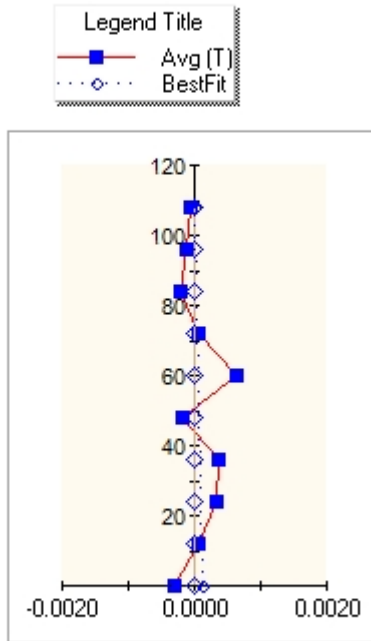
## Data

Pt#	Dist	Avg (Ttl)	Avg (F)	Avg (B)
1	0	0	0	0
2	12	0.001	0.001	0.001
3	24	0	0.001	-0.001
4	36	0	0	0
5	48	0	0	0.001
6	60	0	0	0.001
7	72	0	0	0
8	84	0	0	0
9	96	0	0	0
10	108	0	0	-0.001

## S2. Ram - Avg(T)

### TIR Straightness

Point # 10 Distance = 108.0 Inch



Axis	TValue	Tol	Status
S1. Bridge	0.001	0.005	IN TOLERANCE
S2. Ram	0.001	0.005	IN TOLERANCE

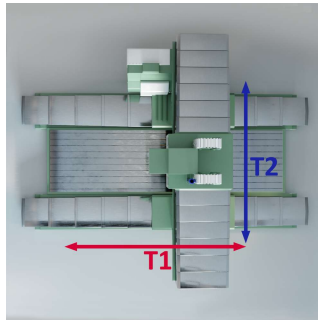
### Squareness/Parallelism

Axis	Value	Tol	Status
S1. Bridge vs S2. Ram	0	0.005	IN TOLERANCE

### Data

Pt#	Dist	Avg (Ttl)	Avg (F)	Avg (B)
1	0	0	-0.001	0
2	12	0	0	0
3	24	0	0	0.001
4	36	0	0	0.001
5	48	0	0	0
6	60	0.001	0.001	0.001
7	72	0	0.001	0
8	84	0	0	0
9	96	0	-0.001	0.001
10	108	0	0	0

## Top View



## TIR Straightness

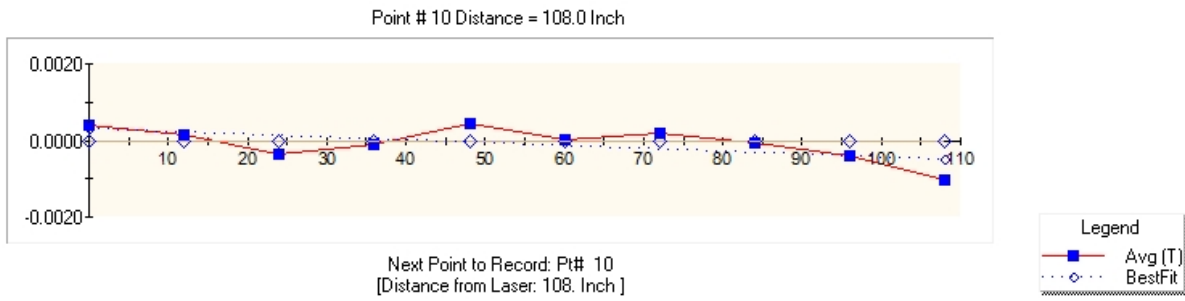
Axis	TValue	Tol	Status
T1. Bridge	0.001	0.005	IN TOLERANCE
T2. Column	0.001	0.005	IN TOLERANCE

## Squareness/Parallelism

Axis	Value	Tol	Status
T1. Bridge vs T2. Column	0	0.005	IN TOLERANCE

## T1. Bridge - Avg(T)

## TIR Straightness



Axis	TValue	Tol	Status
T1. Bridge	0.001	0.005	IN TOLERANCE
T2. Column	0.001	0.005	IN TOLERANCE

## Squareness/Parallelism



Axis	Value	Tol	Status
T1. Bridge vs T2. Column	0	0.005	IN TOLERANCE

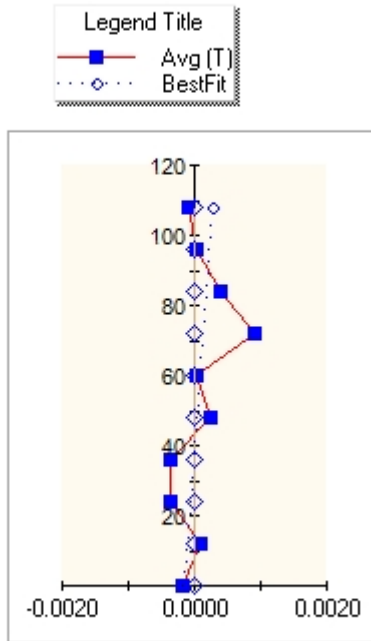
## Data

Pt#	Dist	Avg (Ttl)	Avg (F)	Avg (B)
1	0	0	0	0
2	12	0	0	0
3	24	0	0.001	-0.002
4	36	0	-0.001	0.001
5	48	0	0	0.001
6	60	0	0	0
7	72	0	0	0
8	84	0	0	0
9	96	0	-0.001	0
10	108	-0.001	-0.002	0

## T2. Column - Avg(T)

### TIR Straightness

Point # 10 Distance = 108.0 Inch



Next Point to Record: Pt# 10  
[Distance from Laser: 108. Inch]

Axis	TValue	Tol	Status
T1. Bridge	0.001	0.005	IN TOLERANCE
T2. Column	0.001	0.005	IN TOLERANCE

### Squareness/Parallelism

Axis	Value	Tol	Status
T1. Bridge vs T2. Column	0	0.005	IN TOLERANCE

### Data

Pt#	Dist	Avg (Ttl)	Avg (F)	Avg (B)
1	0	0	0	0
2	12	0	0	0
3	24	0	-0.001	0
4	36	0	0	0
5	48	0	0	0
6	60	0	0	0
7	72	0.001	0.001	0.001
8	84	0	0.001	-0.001
9	96	0	0	0
10	108	0	0	0